



```
CCCCCCCC HH      HH MM      MM      IIIIII NN      NN      IIIIII TTTTTTTTTT
CCCCCCCC HH      HH MM      MM      IIIIII NN      NN      IIIIII TTTTTTTTTT
CC        HH      HH MMMM   MMMM      II      NN      NN      II      TT
CC        HH      HH MMMM   MMMM      II      NN      NN      II      TT
CC        HH      HH MM      MM      II      NNNN   NN      II      TT
CC        HH      HH MM      MM      II      NNNN   NN      II      TT
CC        HHHHHHHHHH MM      MM      II      NN      NN      II      TT
CC        HHHHHHHHHH MM      MM      II      NN      NN      II      TT
CC        HH      HH MM      MM      II      NN      NN      II      TT
CC        HH      HH MM      MM      II      NN      NN      II      TT
CC        HH      HH MM      MM      II      NN      NN      II      TT
CCCCCCCC HH      HH MM      MM      IIIIII NN      NN      IIIIII TTTTTTTTTT
CCCCCCCC HH      HH MM      MM      IIIIII NN      NN      IIIIII TTTTTTTTTT

LL        IIIIII SSSSSSSS
LL        IIIIII SSSSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SSSSSS
LL        II      SSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS
```

```
0001 0 XTITLE 'EDT$CHMINIT - change mode initialize'
0002 0 MODULE EDT$CHMINIT (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module performs initialization when change mode
0037 1 is entered.
0038 1
0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0040 1
0041 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0042 1
0043 1 MODIFIED BY:
0044 1
0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0046 1 extracting the routine EDT$INIT_CHM from module CHANGE.BLI.
0047 1 1-002 - Regularize headers. JBS 02-Mar-1981
0048 1 1-003 - Revise typeahead logic. JBS 02-Sep-1982
0049 1 --
0050 1
```

EDT\$CHMINIT  
V04-000

EDT\$CHMINIT - change mode initialize  
Declarations

D 14  
16-Sep-1984 00:01:00  
14-Sep-1984 12:22:35

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]CHMINIT.BLI;1 Page 2 (2)

```

52 0051 1 %SBTTL 'Declarations'
53 0052 1
54 0053 1 TABLE OF CONTENTS:
55 0054 1
56 0055 1
57 0056 1 REQUIRE 'EDT$SRC:TRAROUNAM';
58 0495 1
59 0496 1 FORWARD ROUTINE
60 0497 1 EDT$INIT_CHM : NOVALUE;
61 0498 1
62 0499 1
63 0500 1 INCLUDE FILES:
64 0501 1
65 0502 1
66 0503 1 REQUIRE 'EDT$SRC:EDTREQ';
67 0638 1
68 0639 1
69 0640 1 MACROS:
70 0641 1
71 0642 1 NONE
72 0643 1
73 0644 1 EQUATED SYMBOLS:
74 0645 1
75 0646 1 NONE
76 0647 1
77 0648 1 OWN STORAGE:
78 0649 1
79 0650 1 NONE
80 0651 1
81 0652 1 EXTERNAL REFERENCES:
82 0653 1
83 0654 1 In the routine
```

! Initialization on entering change mode



```

85 0655 1 $SBTTL 'EDT$$INIT_CHM - change mode initialize'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDT$$INIT_CHM ! Change mode initialize
88 0658 1 : NOVALUE =
89 0659 1
90 0660 1 ++
91 0661 1 FUNCTIONAL DESCRIPTION:
92 0662 1
93 0663 1 This is the initialization routine called when change mode is entered.
94 0664 1
95 0665 1 The following are done:
96 0666 1
97 0667 1 The current line is fetched into the line buffer and the cursor pointer
98 0668 1 is initialized.
99 0669 1
100 0670 1 The exit flag is cleared.
101 0671 1
102 0672 1 The vertical flag is cleared.
103 0673 1
104 0674 1 The type ahead counter is cleared.
105 0675 1
106 0676 1 FORMAL PARAMETERS:
107 0677 1
108 0678 1 NONE
109 0679 1
110 0680 1 IMPLICIT INPUTS:
111 0681 1
112 0682 1 EDT$$A_CUR_BUF
113 0683 1 EDT$$T_LN_BUF
114 0684 1
115 0685 1 IMPLICIT OUTPUTS:
116 0686 1
117 0687 1 EDT$$G_EXI
118 0688 1 EDT$$G_VERT
119 0689 1 EDT$$G_RDAHED
120 0690 1 EDT$$A_LN_PTR
121 0691 1
122 0692 1 ROUTINE VALUE:
123 0693 1
124 0694 1 NONE
125 0695 1
126 0696 1 SIDE EFFECTS:
127 0697 1
128 0698 1 NONE
129 0699 1
130 0700 1 --
131 0701 1
132 0702 2 BEGIN
133 0703 2
134 0704 2 EXTERNAL ROUTINE
135 0705 2 EDT$$GET_TXTLN; ! Get current line in line buffer
136 0706 2
137 0707 2 EXTERNAL
138 0708 2 EDT$$G_EXI, ! Change mode has been exited.
139 0709 2 EDT$$G_VERT, ! Last entity was VERT flag.
140 0710 2 EDT$$A_CUR_BUF : REF TBCB_BLOCK, ! The current buffer tbc
141 0711 2 EDT$$G_RDAHED, ! Read ahead counter
```

EDT\$CHMINIT  
V04-000

EDT\$CHMINIT - change mode initialize  
EDT\$\$INIT\_CHM - change mode initialize

F 14  
16-Sep-1984 00:01:00  
14-Sep-1984 12:22:35

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]CHMINIT.BLI;1 Page 4  
(3)

```
: 142      0712  2      EDT$ST_LN_BUF,      ! Current line buffer
: 143      0713  2      EDT$SA_LN_PTR;      ! Current character pointer
: 144      0714  2
: 145      0715  2      EDT$$GET TXTLN ();
: 146      0716  2      EDT$SA_LN_PTR = CH$PTR (EDT$ST_LN_BUF, .EDT$SA_CUR_BUF [TBCB_CHAR_POS]);
: 147      0717  2      EDT$$G_EXT = 0;
: 148      0718  2      EDT$$G_VERT = 0;
: 149      0719  2      EDT$$G_RDAHED = 0;
: 150      0720  1      END;
```

! of routine EDT\$\$INIT\_CHM

.TITLE EDT\$CHMINIT EDT\$CHMINIT - change mode initializ

.IDENT \V04-000\

.EXTRN EDT\$\$GET TXTLN, EDT\$\$G\_EXT  
.EXTRN EDT\$\$G\_VERT, EDT\$SA\_CUR\_BUF  
.EXTRN EDT\$\$G\_RDAHED, EDT\$ST\_LN\_BUF  
.EXTRN EDT\$SA\_LN\_PTR

.PSECT \_EDT\$CODE,NOWRT, SHR, PIC,2

.ENTRY EDT\$\$INIT\_CHM, Save R2  
CALLS #0, EDT\$\$GET TXTLN  
MOVL EDT\$SA\_CUR\_BUF, R1  
MOVAB EDT\$ST\_LN\_BUF, R0  
MOVZWL 12(R1), R2  
ADDL3 R2, R0, EDT\$SA\_LN\_PTR  
CLRL EDT\$\$G\_EXT  
CLRL EDT\$\$G\_VERT  
CLRL EDT\$\$G\_RDAHED  
RET

: 0657  
: 0715  
: 0716  
:  
: 0717  
: 0718  
: 0719  
: 0720

```
00000000G 00      0004 00000
51 00000000G 00 FB 00002
50 00000000G 00 D0 00009
52      0C A1 3C 00017
50      52 C1 0001B
00000000G 00 D4 00023
00000000G 00 D4 00029
00000000G 00 D4 0002F
04 00035
```

: Routine Size: 54 bytes, Routine Base: \_EDT\$CODE + 0000

```
: 151      0721  1
: 152      0722  1 !<BLF/PAGE>
```

```
; Size: 54 code + 0 data bytes
; Run Time: 00:09.5
; Elapsed Time: 00:11.4
; Lines/CPU Min: 4569
; Lexemes/CPU-Min: 12226
; Memory Used: 58 pages
; Compilation Complete
```



0131 AH-BT13A-SE  
VAX/VMS V4.0

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